

2nd
Qtr 2012

**COTTENWOOD HILLS GAS COLLECTION SYSTEM
WORKSHEET FOR NSPS MONITORING
REQUIREMENTS FOR QUARTERLY SURFACE MONITORING POTENTIAL
METHANE CONCENTRATIONS AT LANDFILL SURFACE**

INSTRUMENT: FOXBORO, TVA-1000B FLAME IONIZATION DETECTOR FOR
TOXIC GAS VAPOR ANALYZING

MODEL: AB2BFAZ S# 30987664 I.D.# 1505

CALIBRATION GAS: 1000 PPM METHANE GAS CONCENTRATION
400 PPM ON EXCEEDANCE TESTING

INSTRUMENT TRAINING: OPERATION/ CALIBRATION

PROVIDED BY FOXBORO VIDEO AND O'BRIEN ENVIRONMENTAL CORP.

MONITORING METHOD:

CALIBRATE

ESTABLISH BACKGROUND CH₄ CONCENTRATION LEVEL
UPWIND AND DOWNWIND OUTSIDE OF LANDFILL BOUNDARY, 30m FROM PERIMETER
WELLS

EXCEEDANCE LEVEL IS 500 PPM, RECORDED AND MARKED LOCATIONS

COVER PERIMETER OF COLLECTION AREA AND FOLLOW SERPENTINE PATTERN
AT 30m INTERVALS, BISECTING DISTANCE BETWEEN WELLS TO VERIFY ROI EFFICIENCY

PROBE DISTANCE TO SURFACE: 5-10 cm OR TOP OF VEGETATION
METER READINGS TO HIGHEST PPM LOCATION AND HOLD FOR TWICE THE INSTRUMENTS
RESPONSE TIME.

SEE ATTACHMENT MAP FOR SITE WALK PATTERN.

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DATE: 6-20-12 TEMP. 86°

TIME: WIND DIRECTION W.

TECHNICIAN SITE CONDITIONS Day

INSTRUMENT CALIBRATED YES/NO

BACKGROUND LIMIT PPM N 0.22 SO 7.5 E 1.1 W 0.16

RECORDED EXCEEDANCES:

ITEM 1.	<u>Found nothing over 20 ppm.</u>	PPM
2.		PPM
3.		PPM
4.		PPM

MAINTENANCE OR ADJUSTMENTS TO BE MADE.

ITEM 1.	PPM
2.	PPM
3.	PPM
4.	PPM

2ND EXCEEDANCE CHECK (WITHIN 10 CALENDAR DAYS) REMONITORING RESULTS.

ITEM 1.	PPM
2.	PPM
3.	PPM
4.	PPM

3RD EXCEEDANCE CHECK (WITHIN 20 CALENDAR DAYS) REMONITORING RESULTS.

ITEM 1.	PPM
2.	PPM
3.	PPM
4.	PPM

ADDITIONAL CONTROL MEASURES TO BE TAKEN

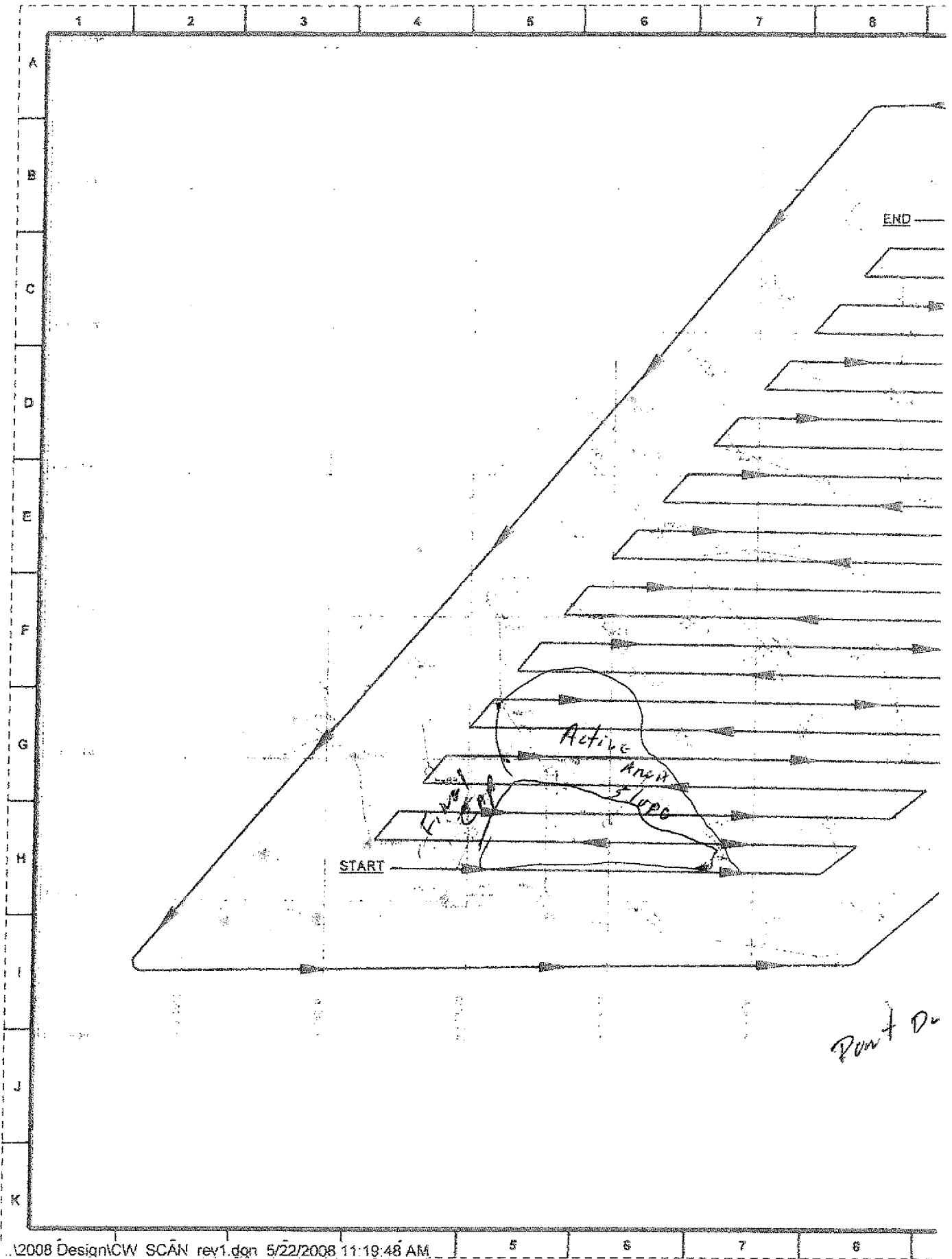
ITEM 1.	PPM
2.	PPM
3.	PPM
4.	PPM

REMONITORING RESULTS (FOR EXCEEDANCES < 500 PPM DURING 2ND,OR 3RD REMONITORING EVENTS) WITHIN 1 MONTH OF INITIAL EXCEEDANCE.

ITEM 1.	PPM
2.	PPM
3.	PPM
4.	PPM

COMMENTS: *Small AREA Found nothing over 22 PPM.*

REVIEWED BY: _____ DATE: _____



Point D

Cotton wood